

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	156	(film) and (dye) and infrared and (surfactant with (HLB)) and (mass or weight or percentage) and (resin or binder) and substrate	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 15:18
S2	2	S1 and (absorption adj film)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 15:20
S3	107	S1 and (absorption)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 15:24
S4	33987	(silicone or fluorine) with ( surfactant or (surface adj active adj agent))	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 15:25
S5	1	(silicone or fluorine) with (dimmonium adj salt) with (surfactant or (surface adj active adj agent))	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 15:25
S6	0	(silicone or fluorine) with (dimmonium adj salt) with (surfactant or (surface adj active adj agent))	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 15:26
S7	89	(silicone or fluorine) with (surfactant or (surface adj active adj agent)) and diimmonium	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 15:26
S8	89	S4 and S7	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 15:26
S9	5	S8 and (transparent adj (film or support or substrate))	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 15:27
S10	2	S1 and S7	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 15:33
S11	82	S1 and S4	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 15:34

S12	18	S11 and (transparent adj (film or support or substrate))	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 15:34
S13	304	(absorption adj film) with infrared	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 15:50
S14	3	S13 and ((surfactant or (surface adj active adj agent)) with HLB)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 15:50
S15	1	("2002127395") or ("6255031").PN.	US- PGPUB; USPAT	OR	OFF	2009/04/09 15:54
S16	2	("20020127395") or ("6255031").PN.	US- PGPUB; USPAT	OR	OFF	2009/04/09 15:54
S17	1	("20060257760").PN.	US- PGPUB; USPAT	OR	OFF	2009/04/09 16:33
S18	0	("L17and(substratewithresin)").PN.	US- PGPUB; USPAT	OR	OFF	2009/04/09 16:33
S19	1	S17 and (substrate with resin)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 16:33
S20	5283	(absorption or absorbing) adj film	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 17:48
S21	274	S20 and (infrared) and solvent and ketone	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 17:49
S22	2169	solvent with ketone with (concentration or mass)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 17:49
S23	6	S21 and S22	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 17:49
S24	0	(film) with ((remain%3) adj (solvent or solution)) with (mass or concentration) and infrared	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 18:06
S25	41	(film) with ((remain\$3) adj (solvent or solution)) with (mass or concentration) and infrared	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/04/09 18:06

S26	2	"6255031".pn. or "7381518".pn.	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:02
S27	1	S26 and (surfactant or surface-active adj agent)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:02
S28	2	"6255031".pn. or "20020127395".pn.	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:02
S29	1	S27 and (surfactant or surface-active adj agent)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:02
S30	0	S28 and (surfactant or surface-active adj agent)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:03
S31	0	(infrared near film) with (surfactant or surface-active adj agent)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:03
S32	0	(infrared adj film) with (surfactant or surface-active adj agent)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:03
S33	304	(infrared adj film)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:03
S34	64	S33 and (surfactant or surface-active adj agent)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:04
S35	3	S33 and ( dye with (surfactant or surface-active adj agent))	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:04
S36	45	S33 and ( dye and (surfactant or surface-active adj agent))	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:05
S37	28	S36 and @pd<"20040811"	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:05
S38	0	"6531230".pn. and HLB	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:10

S39	0	"6531230".pn. and HLB	US- PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/11/20 07:10
S40	361458	(surfactant or (surface-active adj agent) or (surgace adj active adj agent))	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:15
S41	484	(surfactant or (surface-active adj agent) or (surface adj active adj agent)) with (HLB or (hydrophil\$2 adj lipophil\$2 adj balance)) with (mass or percent)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:16
S42	0	S33 and S41	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:16
S43	214	film and S41	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:16
S44	32	S43 and (infrared)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:16
S45	16	S44 and (dye or colorant or (heat adj conversion adj material))	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:17
S46	1	S45 and @pd< "20040811"	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:17
S47	231	S33 and @pd< "20040811"	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:22
S48	42	S34 and @pd< "20040811"	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:22
S49	13712	(surfactant or (surface-active adj agent) or (surface adj active adj agent)) with (HLB or (hydrophil\$2 adj lipophil\$2 adj balance))	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:23
S50	0	S33 and S49	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:23

S51	7122	(film or filter) and S49	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:23
S52	663	S51 and infrared	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:24
S53	256	S52 and @pd<"20040811"	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:24
S54	0	"430".ccls.	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:24
S55	1341	"430/7.ccls.	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:24
S56	0	S53 and S55	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:24
S57	182	S53 and (absorb\$5)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:25
S58	127	S57 and (substrate or support)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:25
S59	17	S57 and (transparent with (substrate or support))	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 07:25
S60	9	Cannon.as. and (transparent with (substrate or support))	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 08:41
S61	8	S60 and (film or filter)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 08:41
S62	1	S61 and infrared	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 08:41
S63	1	S61 and surfactant	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 08:41

S64	320	Toyo.as. and (transparent with (substrate or support))	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 08:44
S65	254	S64 and (film or filter)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 08:44
S66	30	S65 and infrared	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 08:45
S67	13712	(surfactant or (surface-active adj agent) or (surface adj active adj agent)) with (HLB or (hydrophil\$2 adj liphophil\$2 adj balance))	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 08:45
S68	2	S66 and S67	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 08:45
S69	2	S64 and S67	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 08:46
S70	0	Toya.as. and S67	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 08:46
S71	47	Toyo.as. and S67	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 08:46
S72	2	S71 and infrared	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 08:46
S73	5	S71 and nm	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 08:46
S74	1396	Mori.in. and (transparent with (substrate or support))	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 08:50
S75	8	S74 and S67	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 08:50

S76	243	S67 and (transparent with (substrate or support))	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 08:52
S77	234	S76 and (film or filter)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 08:52
S78	68	S77 and infrared	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 08:52
S79	57	S78 and (dye or colorant or (coloring adj agent))	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 08:52
S80	1	("4218250").PN.	US- PGPUB; USPAT	OR	OFF	2009/11/20 08:55
S81	0	(pleochoric adj dye) with (nm or wavelength)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 09:12
S82	42	(pleochroic adj dye) with (nm or wavelength)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 09:12
S83	4	(pleochroic adj dye) with (infrared)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 09:15
S84	1	("6703138").PN.	US- PGPUB; USPAT	OR	OFF	2009/11/20 10:12
S85	222	S67 with (dye or colorant or (coloring adj agent))	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 10:14
S86	25	S85 and infrared	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 10:14
S87	0	("2006021660").PN.	US- PGPUB; USPAT	OR	OFF	2009/11/20 10:27
S88	1	("20060216660").PN.	US- PGPUB; USPAT	OR	OFF	2009/11/20 10:28
S89	1	("20070042293").PN.	US- PGPUB; USPAT	OR	OFF	2009/11/20 10:29

S90	13	S86 and (silicone or fluorine)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 10:45
S91	1	(anionic adj surfactant) with HLB	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 10:48
S92	0	(anionic adj (surface adj active adj agent)) with HLB	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/20 10:49
S93	2	("6902791") or ("20020046851").PN.	US- PGPUB; USPAT	OR	OFF	2010/04/28 14:18
S94	1	("2001264532") or ("1126284").PN. or ((11/323271) or (11/116826) or (10/156991)).APP.	JPO	OR	OFF	2010/04/28 14:20

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